



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : G01N 33/68, 33/574	A1	(11) International Publication Number: WO 00/19208 (43) International Publication Date: 6 April 2000 (06.04.00)
(21) International Application Number: PCT/GB99/03235 (22) International Filing Date: 30 September 1999 (30.09.99) (30) Priority Data: 9821170.9 30 September 1998 (30.09.98) GB (71) Applicant (for all designated States except US): UNIVERSITY OF ULSTER AT JORDANSTOWN [GB/GB]; Newtown-abbey, Co Antrim BT37 0QB (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): McKEOWN, Stephanie [GB/GB]; 14 Tillymusk Road, Dundrod, Crumlin BT29 4JA (GB); RITCHIE, John [GB/GB]; 2 Ardymagh Road, Ballynashee, Ballyclare BT39 9TJ (GB). (74) Agent: MURGITROYD & COMPANY; 373 Scotland Street, Glasgow G5 8QA (GB).	(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RQ, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BI, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	

(54) Title: EGFR 37 KDA FRAGMENT AS CANCER MARKER

(57) Abstract

The present invention relates to the presence of a 37KDa epidermal growth factor receptor (EGFR) fragment in the urine of patients with transitional cell carcinoma of the bladder. The presence of the 37KDa EGFR fragment in urine can be ascertained using an antibody. The presence of the 37KDa EGFR fragment in the urine of patients can be a test for the presence of prostate cancer and can therefore be used as a general screen for health in the genitourinary area.